

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 10/576,094
Source: IFWP
Date Processed by STIC: 1/18/07

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWO

RAW SEQUENCE LISTING

DATE: 01/18/2007

PATENT APPLICATION: US/10/576,094

TIME: 12:10:10

Input Set : E:\22336-Sequence Listing.txt

Output Set: N:\CRF4\01182007\J576094.raw

3 <110> APPLICANT: Roche Molecular Systems
 5 <120> TITLE OF INVENTION: Method for Distinguishing CBF-Positive AML Subtypes from
 6 CBF-Negative AML Subtypes
 8 <130> FILE REFERENCE: 22336-US
 10 <140> CURRENT APPLICATION NUMBER: US 10/576,094
 C--> 11 <141> CURRENT FILING DATE: 2006-04-13
 13 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/012474
 14 <151> PRIOR FILING DATE: 2003-11-04
 16 <160> NUMBER OF SEQ ID NOS: 239
 18 <170> SOFTWARE: PatentIn version 3.4
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 21 <211> LENGTH: 491
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Homo sapiens
 26 <220> FEATURE:
 27 <221> NAME/KEY: misc_feature
 28 <223> OTHER INFORMATION: n = any nucleotide
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 33 aagaaacaga acactggctc aaagaaaagc aataaaaata agagtggcaa gaaccagttt 120
 35 aacagagggtg gtggccatag aggacgtgga ggattcaata tgcgtggtgg aaatttcaga 180
 37 ggaggagccc ctgggaatcg tggcggatat aataggaggg gcaacatgcc acagagagggt 240
 39 ggtggcgggtg gaggaagtgg tggaatcggc tatccatacc ctgctgcccc tgtttttcct 300
 41 ggccgtggta gttactcaaa cagagggaac tacaacagag gtggaatgcc caacagaggg 360
 43 aactacaacc agaacttcag aggacgagga aacaatcgtg gctacaaaaa tcaatctcag 420
 45 ggctacaacc agtggcagca ggggtcaattc tggggtcaga agccatggag tcagcattat 480
 47 caccaaggat a 491
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 51 <211> LENGTH: 307
 52 <212> TYPE: DNA
 53 <213> ORGANISM: Homo sapiens
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 58 cgctttctac actgtattac ataaataaat taaataaaat aaccccgggc aagacttttc 120
 60 tttgaaggat gactacagac attaaataat cgaagtaatt ttgggtgggg agaagaggca 180
 62 gattcaattt tctttaacca gtctgaagtt tcatttatga taaaaagaa gatgaaaatg 240
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 70 <211> LENGTH: 519
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 72 <213> ORGANISM: Homo sapiens
 74 <400> SEQUENCE: 3

see pp 1, 6
Does Not Comply
Corrected Diskette Needed
? no n's shown in this sequence.

RAW SEQUENCE LISTING

DATE: 01/18/2007

PATENT APPLICATION: US/10/576,094

TIME: 12:10:10

Input Set : E:\22336-Sequence Listing.txt

Output Set: N:\CRF4\01182007\J576094.raw

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77 aagaaaaata catccaaata aagactttat tattaacaga ccagatagca tcagaaatca      120
79 tgtgactgtt atgattatca gaatatgtct taacttttta gggcaaagtt aacactgaaa      180
81 gttctagctt aagtgttgaa acttttgtgg gaaaaaaaaa tcacttttga aactcagact      240
83 tcagtgtata cccaataatt taaaattatg tgaaatgttt taaatttgtg aactcgtaat      300
85 tactgtttta atgattcagt ttcttcagag tggtaattgt ataaaattgc tattgcagct      360
87 ttatattcaa tatgatgtgc ctgtaaacca aggagttttc cccgtttgta aaaagacatt      420
89 gtagataatt gaatgtttga ttttagaaaag gtcattagtt tcttgttaca cattttgtta      480
91 gtctggtttt tgttgcttat cgggtttaat attgttctt      519
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95 <211> LENGTH: 140
96 <212> TYPE: DNA
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99 <400> SEQUENCE: 4
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104 cctcagtact ttgcagaaaa      140
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108 <211> LENGTH: 425
109 <212> TYPE: DNA
110 <213> ORGANISM: Homo sapiens
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115 cctttttatc tgatctgtga ttaaagcagt aatattttta gatggactgg gaaaaacatc      120
117 aactcctgaa gttagaaata agaatggttt gtaaaatcca cagctatatc ctgatgctgg      180
119 atggtattaa tcttggtgtag tcttcaactg gttagtgtga aatagttctg ccacctctga      240
121 cgcaccactg ccaatgctgt acgtactgca tttgcccctt gagccagggt gatgtttacc      300
123 gtgtgttata taacttcctg gctccttcac tgaacatgcc tagtccaaca ttttttccca      360
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131 <211> LENGTH: 454
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133 <213> ORGANISM: Homo sapiens
135 <400> SEQUENCE: 6
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138 gtgggtgtct tgtgtccgct tctcgcccaa cagcagcaac cctatcatcg tctcctgtgg      120
140 ctgggacaag ctggtcaagg tatggaacct ggctaactgc aagctgaaga ccaaccacat      180
142 tggccacaca ggctatctga acacggtgac tgtctctcca gatggatccc tctgtgcttc      240
144 tggaggcaag gatggccagg ccatgttatg ggatctcaac gaaggcaaac acctttacac      300
146 gctagatggg ggggacatca tcaacgccct gtgcttcagc cctaaccgct actggctgtg      360
148 tgctgccaca ggccccagca tcaagatctg ggatttagag ggaaagatca ttgtagatga      420
150 actgaagcaa gaagttatca gtaccagcag caag      454
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154 <211> LENGTH: 373
155 <212> TYPE: DNA
156 <213> ORGANISM: Homo sapiens
158 <400> SEQUENCE: 7
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165 tgcctggaag aggagctggg ggctgccagc cctggcgccg gcacagcctg ggccctccct      240
167 tccctcaagc cagggtcct cctcctgtcg tgggtcatt tgccaggctc aggccaggctc      300
169 tggacagctg tgactctcct caagccagga ctaccgacca gccggctatg ggcacattac      360
171 gtgaccactg gcc                                          373
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175 <211> LENGTH: 494
176 <212> TYPE: DNA
177 <213> ORGANISM: Homo sapiens
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182 ttcctagaga gcgggtggcca agatggggca ggggatgttg acgacctcga ggacctcgaa      120
184 gaagcagagg agccagacat ggaggaagac gatgaccaga aagctgtgaa agatgaactg      180
186 taatacgcaa agccgaagcc gggcgctgcc gagaccctc gggggctgca caccagcag      240
188 cagcgcacgc ctccgaagcc tgcggcctcg cttgaaggag ggcgtcgccg gaaacccaag      300
190 gaacctctct gaagtgcac ctcaccccta cacaccgtcc gttcaccccc gtctcttcct      360
192 tctgcttttc ggtttttgga aaacccggat cctactctag gcagcccacc ttggtgggct      420
194 tgtttcctga aacctgatg tactttttca tacatgagtc tgtccagagt gcttgctacc      480
196 gtgttcggag tctc                                          494
199 <210> SEQ ID NO: 9
200 <211> LENGTH: 434
201 <212> TYPE: DNA
202 <213> ORGANISM: Homo sapiens
204 <400> SEQUENCE: 9
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207 tcgtcatcag ctggatgatc gcacagactg tcaactgtgt tgccgggttg acttcctatc      120
209 catttgacac cgttcgccgc cgcgatgatga tgcagtacagg gcgcaaagga actgacatca      180
211 tgtacacagg cacgcttgac tgctggcgga agattgctcg tgatgaagga ggcaaagctt      240
213 ttttcaaggg tgcattgtcc aatgttctca gaggcattgg tgggtgcttt gtgcttgtct      300
215 tgtatgatga aatcaagaag tacacataag ttatttccta ggatttttcc ccctgtgaac      360
217 aggcattgtt tattctataa cacaatcttg agcattcttg acagactcct ggctgtcagt      420
219 ttctcagtgg caac                                          434
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223 <211> LENGTH: 416
224 <212> TYPE: DNA
225 <213> ORGANISM: Homo sapiens
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232 actgccaggc tgtttcagcc aggaaggcca aaatcaagag tgagatgtag aaagttgtaa      180
234 aatagaaaaa gtggagttgg tgaatcgggt gttctttcct cacatttgga tgattgtcat      240
236 aagggtttta gcatgttcct ccttttcttc accctccctt ttgttcttct attaataaag      300
238 agaaacttca aagttaatgg gatggctcga tctcacaggc tgagaactcg ttcacctcca      360
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243 <210> SEQ ID NO: 11
244 <211> LENGTH: 415
245 <212> TYPE: DNA
246 <213> ORGANISM: Homo sapiens

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Input Set : E:\22336-Sequence Listing.txt

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253 tcgtagaaga ttcaagggcc agatcttgat gcccaacatt ggttatggaa gcaacaaaaa      180
255 aacaaagcac atgctgcca gtggcttcg gaagttcctg gtccacaacg tcaaggagct      240
257 ggaagtgtg ctgatgtgca acaaatctta ctgtgccgag atcgctcaca atgtttcctc      300
259 caagaaccgc aaagccatcg tggaaagagc tgcccaactg gccatcagag tcaccaaccc      360
261 caatgccagg ctgcgcagtg aagaaaatga gtaggcagct catgtgcacg ttttc      415
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265 <211> LENGTH: 423
266 <212> TYPE: DNA
267 <213> ORGANISM: Homo sapiens
269 <400> SEQUENCE: 12
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272 aaggaaaaaa agaaaaaac cttatctctt gcccttattt tgaattttcc actctttcat      120
274 taatttgttt taagctcctg ttggaaaaaa aggggtagtg cattttaaat tgaccttcat      180
276 acgcttttaa aataagacaa atctacttga taatgtacct ttatttgatc tcaagttgta      240
278 taaaaccaat aaatttgtgt tactgcagta gtaatcttat gcacacggtg atttcatgtt      300
280 atatatgcaa agtaggcaac tgttttctta gttacagaag tttcaagctt cacttttgtg      360
282 cagtagaaac aaaagtaggc tacagtctgt gccatgttga tgtacagttt ctgaaattgt      420
284 ttt      423
287 <210> SEQ ID NO: 13
288 <211> LENGTH: 358
289 <212> TYPE: DNA
290 <213> ORGANISM: Homo sapiens
292 <400> SEQUENCE: 13
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295 aaaagacaga agccttgact tctgctaagc ggtacatcga gacggacca gccaatcggg      120
297 atcggcggac gcccatcacc gtggtgaagc aaggctttga gcctccctcc tttgtgggct      180
299 gggttccttg ctgggatgat gattactggg ctgtggaccc cttggacagg gccatggctg      240
301 agctggctag ctgaggaggg gcagggccca ccatgtcac cggtcagtg cttttggaac      300
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308 <212> TYPE: DNA
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316 aggggtgctg gacagaattc ttaccacagc aaaggcataa gatgcttgat acggaaaatc      180
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322 agattttttt acacaaagaa acttaatgct gtattaataa attcagtgtg tagcttcaat      360
324 tgggatagtt ccaaaagtga agattttgtg aggaataagt gcaaattttt tttttatttt      420
326 aaaaaattct ttgaaactct taagtctttg tgtctgcaat gaaattgtac tccttgacag      480
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331 <210> SEQ ID NO: 15
332 <211> LENGTH: 529
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Input Set : E:\22336-Sequence Listing.txt

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341 tatccgggtg cggctccacc cttccacgt catccgcac aacaagatgt tgtcctgtgc      180
343 tggggctgac aggctccaaa caggcatgcg aggtgccttt ggaaagcccc agggcactgt      240
345 ggccagggtt cacattggcc aagttatcat gtccatccgc accaagctgc agaacaagga      300
347 gcatgtgatt gagggcctgc gcaggggcaa gttcaagttt cctggccgcc agaagatcca      360
349 catctcaaag aagtggggct tcaccaagtt caatgctgat gaatttgaag acatgggtggc      420
351 tgaaaagcgg ctcatcccag atggctgtgg ggtcaagtac atccccagtc gtggccctct      480
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366 cgggctgctg tagcaggaga ggatggcaga atgattgctg gccaggtttt agatattaac      180
368 ctggctgcag agccaaaagt gaaccgagga aaagcagggtg tgaaacgacg tgcagcggag      240
370 atgtacggct cctcttttga cttggactat gactttcaac gggactatta tgataggatg      300
372 tacagttacc cagcacgtgt acctcctcct cctcctattg ctcgggctgt agtgcctctg      360
374 aaacgtcagc gtgtatcagg aaacacttca cga      393
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378 <211> LENGTH: 496
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380 <213> ORGANISM: Homo sapiens
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389 tttactatta agaagaccag tgataattta ataatgccac caactctggc ttagttaagt      240
391 gagagtgtga actgtgtggc aagagagcct cacacctcac taggtgcaga gagcccaggc      300
393 cttatgttaa aatcatgcac ttgaaaagca aaccttaatc tgcaaagaca gcagcaagca      360
395 ttatacggtc atcttgaatg atccctttga aatttttttt ttgtttgttt gtttaaatca      420
397 agcctgaggc tggatgaacag tagctacaca cccatattgt gtgttctgtg aatgctagct      480
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405 <213> ORGANISM: Homo sapiens
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412 cctctaccaa ataccaaaag tcacagggtg tggcttccct caaccttcct gctgtgtcat      180
414 ggaagatgaa ggcaccagag aaaaagccat tggatgaagag agagaaacag gatgagacac      240
416 agaccaagat taaacgggca tctcagaaga agcacgtgaa cccgggtgcag gccctcagcg      300
418 agttcaaagc tatggacagc atctaagtct gccaggcccg gccgccccca cccctcgggg      360
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RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 01/18/2007

PATENT APPLICATION: US/10/576,094

TIME: 12:10:11

Input Set : E:\22336-Sequence Listing.txt

Output Set: N:\CRF4\01182007\J576094.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:26; N Pos. 174,389
Seq#:32; N Pos. 36
Seq#:33; N Pos. 105,112,127,141
Seq#:40; N Pos. 35
Seq#:55; N Pos. 34,104,141,152,174,177,197,202,204,206,232,235,244,271,303
Seq#:55; N Pos. 312,315,349,354,384,389,400,407,415,423,499
Seq#:72; N Pos. 37,177
Seq#:86; N Pos. 297,298
Seq#:96; N Pos. 321,322
Seq#:122; N Pos. 231
Seq#:124; N Pos. 287
Seq#:156; N Pos. 277
Seq#:160; N Pos. 76
Seq#:163; N Pos. 66
Seq#:165; N Pos. 190,191,192,194,195,196,197,198,199,200,308
Seq#:191; N Pos. 182,475,514,515
Seq#:209; N Pos. 148
Seq#:216; N Pos. 57,58,59,183,303,305,316,389,404

VERIFICATION SUMMARY

DATE: 01/18/2007

PATENT APPLICATION: US/10/576,094

TIME: 12:10:11

Input Set : E:\22336-Sequence Listing.txt

Output Set: N:\CRF4\01182007\J576094.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:120
M:341 Repeated in SeqNo=26
L:744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60
M:341 Repeated in SeqNo=33
L:936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
M:341 Repeated in SeqNo=55
L:1684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
M:341 Repeated in SeqNo=72
L:2002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:240
L:2240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:300
L:2836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:180
L:2894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:240
L:3644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:240
L:3744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:160 after pos.:60
L:3825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:60
L:3881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:180
M:341 Repeated in SeqNo=165
L:4503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:180
M:341 Repeated in SeqNo=191
L:4947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:120
L:5124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0
M:341 Repeated in SeqNo=216